

High Definition & Easy Graphical User Interface

16Ch H.264 Real-time DVR



16CH H.264 Digital Video Recorder
SRD-1670/1670D/1670DC



- 16ch 4CIF real-time DVR
- Video (H.264) / Audio (ADPCM)
- Up to 480 (NTSC) / 400 (PAL)ips recording rate
- Up to 16ch audio inputs and 1ch audio outputs
- Combined BNC and VGA/HDMI video output for main display
- SRD-1670 : Max 6 internal HDD (HDD x 6)
SRD-1670D : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA interface , DDNS
- Built-in web viewer, DVD-RW (SRD-1670D)
- PTZ control via Coaxial cable (SRD-1670DC)

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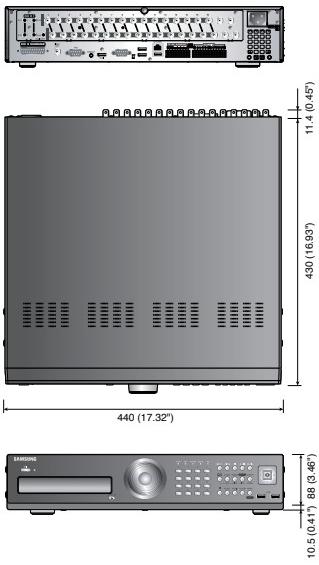
Specifications



	SRD-1670	SRD-1670D	SRD-1670DC
DISPLAY			
Video	Inputs Resolution Frame Rate	16 Composite video 0.5~1 Vpp, 75 ohm automatic termination NTSC : 704 x 480 / PAL : 704 x 576 NTSC : 480ips / PAL : 400ips	
Live	Resolution Multi Screen Display	NTSC : 704 x 480 / PAL : 704 x 576 1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP	
PERFORMANCE			
Operating System	Embedded Compression	Linux H.264	
Recording	Record Rate	NTSC : Up to 480ips@704 x 480 / PAL : Up to 400ips@704 x 576 NTSC : Up to 480ips@704 x 240 / PAL : Up to 400ips@704 x 288 NTSC : Up to 480ips@352 x 240 / PAL : Up to 400ips@352 x 288	
Search & Playback	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30ips) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25ips)	
Network	Overwrite Modes Pre-alarm Post-alarm	Continuous Up to 30sec. (5, 10, 20, 30sec.) Up to 6hour. (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
Storage	Search Mode Playback Function Transmission Speed Bandwidth Control Multi Stream	Date/Time, Event, Back up, Pos, Motion (*All searching mode include preview function) Fast forward / backward, Slow forward / backward, Step forward / backward Up to 15 Mbps, Unlimited (4M) / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps Automatic H.264 (4CIF / 2CIF / CIF)	
Security	Max. Remote Users Protocol Support Monitoring	Search 3 / Live unicast 10 / Live multicast 20 TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP Net-i viewer, Smart viewer, Web viewer	
INTERFACE	Internal HDD External HDD DVD Writer (Back up) USB (Back up)	Up to 6 SATA HDDS Up to 2 expansion bay (up to 4 HDD each) N/A 3 USB Ports	Up to 5 SATA HDDS Yes AVI, MDB (DVR play back), EXE (Include player)
	File Format (Back up) Password Protection Data Authentication		1 Admin, 10 Group , 20 User per 1 Group, User can be assigned authority for function Watermark
Monitors	VGA HDMI	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution 480p / 720p / 1080p resolution	
Audio	Main Composite Spot Composite Loop Outputs Inputs Output Compression Sampling Rate	BNC, 1 Vp-p, 75 ohm 1 BNC, 1 Vp-p, 75 ohm, Support multi screen and camera title 16 16 Line in (Built in 4ch, Option : audio extension cable) 1 Line ADPCM 16KHz	
Alarm	Inputs Outputs Remote Notification	Terminal 16 inputs, NO/NC Terminal 4 relay outputs, NO/NC Notification via e-mail	
Connections	Ethernet Serial Interface PTZ Control Interface PTZ Keyboard USB eSATA Application Support Protocol support	1 RJ-45 10/100/1000 Base-T RS-232 RS-485 RS-485 USB 2.0, 3 ports 2 External SATA ports Mouse, Remote controller Samsung-E/ Samsung-T/ Pelco-D/ Pelco-p/Panasonic/ Phillips/ AD/ DIAMOND/ ERNA/ KALATEL/ VCL TP/VICON * SRD-1670DC : PTZ Control via Coaxial Cable (Samsung CCVC, Coaxtron)	
GENERAL			
Electrical	Input Voltage Power Consumption	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging Max. 55W (With 1x HDD) / Max. 65W (With 2x HDD)	
Environmental	Operating Temperature Operating Humidity	+0°C ~ +40°C (+32°F ~ +104°F) 20% ~ 85%RH	
Mechanical	Dimensions (WxHxD) Weight (2x Hard Disks) Rack Mount Kit	440 x 88 x 430mm (17.32" x 3.46" x 16.93") Approx. 7.5Kg (16.53 lb) 2ea	
Language		English, Korean, Spanish, French, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Czech, Swedish, Danish, Chinese, Netherlands	

Dimensions

Unit : mm (inch)



The **Eco mark** represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



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